

## Critical Values

HEMATOLOGY	LOW	HIGH
Hemoglobin	< 70 g/L	
Leukocyte count	< 2.0 x 10 <sup>9</sup> /L	> 25.0 x 10 <sup>9</sup> /L
Platelet count	< 30 x 10 <sup>9</sup> /L	> 1000 x 10 <sup>9</sup> /L
PT (reported as INR)		> 4.5
PTT		> 60.0 seconds

### MICROBIOLOGY

Beta haemolytic Strep in throat cultures (group A <i>S.pyogenes</i> )
Positive blood cultures – smear and culture results
Positive <i>Neisseria gonorrhoeae</i> culture and/or smear
Positive <i>Salmonella sp.</i> , <i>Shigella sp.</i> , <i>Campylobacter sp.</i> , <i>Yersinia sp.</i> , <i>E.coli</i> 0157
Positive <i>Giardia lamblia</i>
Positive <i>Entamoeba histolytica</i>
Positive urine glucose (3+ and 4+)

BIOCHEMISTRY	LOW	HIGH
Amylase		> 700 U/L
AST/ALT		> 250 U/L
Bilirubin Total		> 170 umol/L (Adulta) > 300 umol/L (Neonate)
Calcium	< 1.74 mmol/L	> 3.12 mmol/L
CK		> 400 U/L
Chloride	< 85 mmol/L	> 120 mmol/L
CO2	< 15 mmol/L	> 40 mmol/L
Creatinine		> 450 umol/L
Digoxin	All results are telephoned toxic level	> 2.8 nmol/L
Dilantin (Phenytoin)		> 80 umol/l
Glucose	< 2.5 mmol/L	> 20.0 mmol/L
Lithium		> 1.5 mmol/L
Phenobarbital		> 215 umol/L
Phosphorus	< 0.30 mmol/L	
Potassium	< 3.0 mmol/L	> 6.0 mmol/L
Salicylate		> 2.17 mmol/L
Sodium	< 125 mmol/L	> 160 mmol/L
Tegretol		> 42 umol/L
Theophyline		> 111 umol/L
Urea		> 25.0 mmol/l